Index of Claims

| A | pplication/Contro | ı | No. |
|---|-------------------|---|-----|
|---|-------------------|---|-----|

10/047,499

Examiner

Denise Tran

Applicant(s)/Patent under Reexamination

ZEIRA ET AL.

Art Unit

2189

| √ | Rejected |
|----------|----------|
| _ | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| · | Postriotod |

| Z | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | im | Date | | | | | | | | | | |
|-------------|----------------------------------|----------------|----------|--------------|----------|--------------|--|----------|--|----------|--|--|
| Final | Original | 8/12/05 | | | | | | | | | | |
| | 1 | | | | | | | Г | | | | |
| | 1 2 3 4 5 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| 1 | 6 7 | = | <u> </u> | | | L_ | _ | | <u> </u> | | | |
| 2 | 7 | 트 | <u> </u> | | L | _ | _ | | _ | | | |
| 3 | 8 9 | = | <u> </u> | | | _ | _ | | _ | | | |
| | 9 | _ | <u> </u> | _ | ļ_ | ļ | _ | | | | | |
| 4 | 10 | = | ┞ | | <u> </u> | \vdash | \vdash | L | _ | | | |
| 4 5 6 | 17 | = | ⊢ | - | - | \vdash | ⊢ | ⊢ | ⊢ | \vdash | | |
| 7 | 12 | ۱ | \vdash | | | <u> </u> | \vdash | \vdash | ⊢ | \vdash | | |
| ρ | 14 | ا ً | \vdash | \vdash | \vdash | | | \vdash | \vdash | \vdash | | |
| 8 | 11 12 13 14 15 16 | ᆖ | - | - | - | \vdash | \vdash | \vdash | \vdash | \vdash | | |
| 10 | 16 | ▐▔ | | - | | ├ | - | ├- | ├ | \vdash | | |
| 11 | 17 | 늘 | | - | - | ┢ | ┢ | ⊢ | ┢ | - | | |
| - ' ' | 18 | ⊢ | \vdash | _ | _ | ├ | - | - | - | H | | |
| | 17 18 19 20 | ┢ | | _ | - | ┝ | - | - | ┢ | | | |
| | 20 | | | | | | | \vdash | - | - | | |
| | 21 | | | | | \vdash | \vdash | ┢ | - | | | |
| | 22 | | <u> </u> | | - | | | \vdash | | \vdash | | |
| | 22 23 24 | - | | _ | | | | \vdash | T | \vdash | | |
| | 24 | | | | | | | \vdash | | | | |
| | 25 | | | | | | | | | | | |
| | 25 26 27 | | | | | | | | | | | |
| | 27 | | | | | | | | | | | |
| | 28 29 | | | | | | | | | | | |
| | 29 | | | | | | | | | | | |
| | 30 | | | | | | | | | | | |
| | 31 | | | | | | | | | | | |
| | 32 | | | | | | | | | | | |
| | 33 34 | <u>L</u> | L | | | | | | | | | |
| | 34 | <u> </u> | _ | | L | <u> </u> | <u> </u> | _ | _ | | | |
| | 35 | | <u> </u> | <u> </u> | <u> </u> | L_ | <u> </u> | _ | _ | | | |
| | 36 37 38 | . | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | Щ | | |
| | 37 | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | | <u> </u> | | |
| · | 38 | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | \vdash | <u> </u> | \vdash | <u> </u> | | |
| | 39 40 | \vdash | \vdash | | <u> </u> | \vdash | \vdash | _ | \vdash | Н | | |
| | 40 | \vdash | \vdash | | <u> </u> | \vdash | ├ | | \vdash | Н | | |
| | 41 | \vdash | \vdash | <u> </u> | <u> </u> | | \vdash | | - | <u> </u> | | |
| | 43 | \vdash | \vdash | \vdash | <u> </u> | \vdash | <u> </u> | _ | \vdash | \vdash | | |
| | 44 | \vdash | H | \vdash | - | \vdash | \vdash | | \vdash | Н | | |
| | 45 | - | \vdash | - | \vdash | \vdash | \vdash | | <u> </u> | Н | | |
| | 46 | \vdash | \vdash | Н | Η- | - | | - | | Н | | |
| | 47 | | H | Н | H | H | \vdash | - | \vdash | \vdash | | |
| | 48 | \vdash | \vdash | - | - | H | | | \vdash | H | | |
| | 49 | \vdash | Н | | Н | Н | <u> </u> | - | \vdash | Н | | |
| | 50 | | \vdash | | - | | \vdash | - | \vdash | Н | | |

| Claim | Cla | | | | | | >-4 | | | | _ | 1 1 | | | ı | | | | 2-4 | | | - | _ |
|--|-------|----------|---------|---|--------------|----------|-----|---|----|--------------|---|-----|-------|----------|----------|----------|---|---|--|--------------|---|--------|----------|
| 1 51 52 53 54 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 56 55 57 33 8 8 8 9 <td>Cla</td> <td>um</td> <td></td> <td></td> <td>_</td> <td>_</td> <td>Jau</td> <td>3</td> <td>1</td> <td>1</td> <td>1</td> <td>{ }</td> <td>Ula</td> <td>um</td> <td>Н</td> <td></td> <td></td> <td></td> <td>Jau</td> <td>•</td> <td></td> <td>_</td> <td>Н</td> | Cla | um | | | _ | _ | Jau | 3 | 1 | 1 | 1 | { } | Ula | um | Н | | | | Jau | • | | _ | Н |
| Section Sect | Final | Original | 8/12/05 | | | | | | | | | | Final | Original | | | | | | | | | |
| 3 | | 1 | | | | | | | | | | | | 51 | П | | | | | | | | |
| 3 | | | | | | | | | | | | 1 | | 52 | П | | | | | | | | |
| 4 | | | | | | | | | | | | 1 | | 53 | П | | | | | | | | |
| 1 6 = | | 4 | | | | | | | | | | | | 54 | П | | | | | | | | |
| 1 6 = | | 5 | | | | | | | | | | 1 | | 55 | П | | | | | | | | |
| 3 8 = 9 4 10 = 60 | 1 | 6 | = | | | | | | | | | | | 56 | П | | | | | | | | |
| 9 4 10 = 59 60 55 11 = 60 60 50 60 50 60 60 | 2 | | = | | | | | | | | |] [| | | | | | | | | | | |
| 4 10 = 5 11 = 661 6 12 = 62 7 13 = 63 8 14 = 663 64 9 15 = 665 66 10 16 = 666 66 11 17 = 68 68 19 20 70 70 71 21 71 72 73 73 73 24 74 74 74 74 74 74 75 75 76 77 77 78 78 78 79 30 80 33 81 81 83 83 83 83 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 85 86 86 86 86 86 86 87 87 88 89 89 89 89 89 89 <td< td=""><td>3</td><td></td><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>58</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | 3 | | 11 | | | | | | | | | | | 58 | | | | | | | | | |
| 5 11 = 6 62 - - - 662 - - - - 63 - - - 64 - - - 64 - - - 64 - - - 65 - - - 66 - - - 66 - - - - 66 - - | | | | _ | | L | | | | | | | | | | | | | | | | | |
| 6 12 = | | | = | | | | | | | | | | | | | | | | L | | | | |
| 7 13 = 63 64 9 15 = 66 64 9 15 = 65 66 67 11 17 = 66 66 66 66 67 11 17 = 68 68 69 70 70 71 71 72 72 72 73 73 74 77 77 78 78 79 79 79 79 79 79 79 79 79 79 79 79 79 79 79 79 79 79 | | | | | | | | | | | | | | 61 | | | | | | | | | |
| 8 14 = 9 15 = 65 65 66 67 67 68 68 68 68 68 68 68 68 68 68 68 69 70 71 72 72 72 72 73 73 73 73 74< | | | | | | | | | | | | | | | Щ | | | | | | | | |
| 9 15 = <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td>Ш</td> <td></td> <td></td> <td>ļ</td> <td></td> <td><u> </u></td> <td></td> <td></td> <td>Ш</td> | | | _ | _ | | _ | | | | | | | | | Ш | | | ļ | | <u> </u> | | | Ш |
| 10 16 = 66 67 | | | _ | | | | | | | | | | | 64 | Щ | | | _ | $ldsymbol{ld}}}}}}$ | $oxed{oxed}$ | | | |
| 11 17 = 67 68 19 68 69 70 20 70 71 72 21 72 73 74 22 73 74 74 25 76 77 78 26 76 77 78 29 79 30 80 31 81 82 83 33 83 84 84 35 85 86 87 36 86 87 88 39 89 90 90 41 91 92 93 43 94 94 94 45 96 97 98 48 99 99 99 | | | | | | | | | _ | | | | | | Ш | | | _ | <u> </u> | | | | Ш |
| 18 68 69 20 70 71 21 71 72 23 73 74 25 75 76 27 77 78 28 79 78 29 79 80 30 80 81 31 81 82 33 83 83 34 84 84 35 85 86 37 87 87 38 88 89 40 90 90 41 92 93 43 94 94 44 94 99 48 96 97 48 98 99 | | | | | | | | | | | _ | | | 66 | Щ | | | | L | ļ | | | Ш |
| 19 69 20 70 21 71 22 72 23 74 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 49 99 | 11 | | = | | | | _ | | | | | | | 67 | Ш | _ | | | _ | _ | | | _ |
| 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99 | | | | | | | _ | | | | | | | | \sqcup | | | | ļ | <u> </u> | | | Ш |
| 21 71 22 72 23 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 | | | | | | | | | | | _ | | | 69 | Н | _ | | | ļ | _ | | | Щ |
| 22 3 72 73 24 74 74 74 25 75 76 77 28 78 78 79 30 80 81 81 31 81 82 82 33 83 83 83 34 84 84 84 35 85 85 86 37 87 87 88 39 89 90 90 41 91 92 93 43 93 94 94 44 94 94 94 45 96 96 97 48 99 99 99 | | | | | | | | | L. | | _ | | | | Н | _ | | | _ | <u> </u> | _ | _ | |
| 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 80 32 83 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 49 99 | | | | | | | | | | | _ | | | | Ш | _ | | | _ | _ | | Ш | _ |
| 24 74 25 75 26 76 27 77 28 77 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99 | | | | | _ | _ | | | _ | | | | | 72 | | | | | | | | | |
| 25 75 26 76 27 77 28 77 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 99 49 99 | | | | | <u> </u> | | _ | _ | _ | | _ | | | 73 | \vdash | _ | | | _ | _ | | | Щ |
| 26 76 27 77 28 78 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99 | | 24 | | | _ | _ | | | _ | _ | _ | | | 74 | - | _ | | | _ | H | _ | _ | _ |
| 27 28 77 78 29 79 80 81 31 82 83 84 35 86 85 86 37 88 88 88 39 89 90 41 42 92 93 94 43 94 94 94 45 96 97 98 49 99 99 99 | | 20 | _ | _ | _ | | | | _ | H | _ | | | 76 | \dashv | | | | | | | | _ |
| 28 78 29 80 30 80 31 81 32 83 33 84 35 85 36 86 37 87 38 88 39 90 41 91 42 93 43 94 44 94 45 96 47 97 48 98 49 99 | | | | _ | - | | - | | | | _ | | | | \vdash | - | | _ | | \vdash | _ | _ | - |
| 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99 | | | | | | | | | | \vdash | - | | | 70 | \dashv | | | | - | _ | _ | | Н |
| 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 98 49 99 | | 20 | _ | _ | _ | - | | | _ | \vdash | _ | | | 70 | | - | | | H | | | | |
| 31 81 32 83 33 83 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | - | | | _ | \vdash | — | | | | \vdash | \dashv | _ | - | - | - | _ | | - |
| 32 82 33 83 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | | - | | | - | | | | 81 | \vdash | \dashv | | | - | - | | | Н |
| 33 83 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 98 49 99 | | 32 | _ | | | | | | | H | | | - | 82 | \dashv | \dashv | _ | | - | - | _ | _ | \vdash |
| 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 98 49 99 | | | | | | \vdash | | | | ├─ | - | | | | | \dashv | _ | | - | | - | | \vdash |
| 35 85 36 86 37 88 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 49 99 | | | - | | | \vdash | | | _ | | _ | 1 | | | | \dashv | _ | | - | | | | \vdash |
| 36 86 37 88 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | <u> </u> | | _ | | | | ĺ | | | | \neg | | _ | | | - | | |
| 37 87 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | 36 | _ | | | \vdash | | _ | | | | | | | H | | - | _ | \vdash | _ | _ | | \dashv |
| 38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | - | 37 | | | | | | | | | | | | | \Box | \dashv | | | _ | | | | |
| 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | | | | | | _ | | | | Ħ | | | _ | Т | | | | \neg |
| 40 41 42 43 44 45 46 47 48 49 | • | | | | | | | | | | | | | 89 | | T | | | | | | | |
| 42 43 44 45 46 47 48 49 | | | | | | | | | | | | | | | | | | | | | | | |
| 43 44 45 46 47 48 49 | | | | | | | | | | | | | | 91 | | | | | | | | | |
| 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | | | | | | | | | 92 | | | | | | | | | |
| 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | | | | | | | | | 93 | | | | | | | | | |
| 46 96 47 97 48 98 49 99 | | | | | | | | | | | | | | 94 | | | | | | | | | |
| 47 | | | | | | | | | | | | [| | | | | | | | | | | |
| 48 98 99 99 99 99 99 99 99 99 99 99 99 99 |] | 46 | | | | | | | | | | [| | 96 | | | | | | | | | |
| 49 99 99 | | | Ш | | | | | | | Ш | | | | | | | | | | | | | |
| | | 48 | | | | | | | | | | |] | | | | | | | | | | |
| 50 | | | \Box | | $oxed{oxed}$ | L | | | | Ш | | | | 99 | Ш | _ | | | | | | | |
| | | 50 | | | | | | | | | | | | 100 | | | | | | | Ш | \Box | : |

| Cli | aim | Date | | | | | | | | |
|-------|--|-----------|----------|----------|--------------|----------|----------|---------------|----------|----------|
| | | | | | | | | | | П |
| ā | Original | | | | | | | | | |
| Final | ij | | | | | | | | | |
| | 0 | | | | | | | | | |
| | 101 | | Г | Г | | | | $\overline{}$ | | П |
| | 101 102 | | | | | | | | | П |
| | 103 | | | | | | | | | П |
| | 103 104 105 | | | | | Г | | | | П |
| | 105 | | | | | Г | | | | П |
| | 106 | | | | | | | | | П |
| | 106 107 | | | | | Г | | | | П |
| | 108 | | | | | | | | | П |
| | 109 | | | | | | | Г | | |
| | 110 | | | | | | | | | |
| | 108 109 110 111 112 113 | | | L | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | L | | | \Box | | | 匚 | |
| | 114 115 116 | | | L | | \Box | | L | \Box | |
| | 117 118 119 | | | 匚 | | \Box | | | \Box | |
| | 118 | | | | | | | | | |
| | 119 | | | | | | | | | |
| | 120 121 122 123 124 | | | | | | | | | |
| | 121 | | | L | | | | | | Ш |
| | 122 | | | | | | | | | |
| | 123 | | L | | | | | | | Ш |
| | 124 | | <u> </u> | <u> </u> | | | | | | Ш |
| | 125 126 | | | \perp | | L | | | _ | Щ |
| | 126 | | _ | | | | | _ | | Ш |
| | 127 | | <u> </u> | _ | | | | _ | | Ш |
| | 128 129 | | _ | | L | | _ | _ | _ | Ш |
| | 129 | | | _ | | | | | | Ш |
| | 130 | _ | _ | <u> </u> | | | <u>_</u> | | | Ц |
| | 131 132 | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | | <u> </u> | Ш |
| | 132 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | <u> </u> | Ш |
| | 133 | _ | - | | _ | <u> </u> | <u> </u> | | <u> </u> | Щ |
| | 134 | <u> </u> | ļ | \vdash | <u> </u> | H | <u> </u> | _ | <u> </u> | Н |
| | 135 | - | <u> </u> | - | <u> </u> | - | \vdash | <u> </u> | \vdash | Н |
| | 136 137 138 | | <u> </u> | \vdash | <u> </u> | \vdash | | ļ | \vdash | Н |
| | 120 | | <u> </u> | | | <u> </u> | \vdash | - | ⊢ | Н |
| | 138 | - | \vdash | \vdash | \vdash | \vdash | \vdash | <u> </u> | \vdash | Н |
| | 140 | | \vdash | \vdash | \vdash | \vdash | \vdash | - | \vdash | Н |
| | 141 | - | \vdash | - | \vdash | \vdash | \vdash | <u> </u> | ⊢ | \dashv |
| | 142 | | | - | | \vdash | \vdash | \vdash | <u> </u> | Н |
| | 143 | - | \vdash | \vdash | - | \vdash | \vdash | - | - | \dashv |
| | 144 | | H | \vdash | - | \vdash | \vdash | ⊢ | \vdash | Н |
| | 145 | | - | | | - | - | _ | - | \vdash |
| | 146 | - | | \vdash | \vdash | \vdash | - | | \vdash | Н |
| | 147 | | - | \vdash | _ | \vdash | - | - | - | \vdash |
| | 148 | - | — | - | | \vdash | \vdash | | \vdash | Н |
| | 149 | - | \vdash | \vdash | \vdash | \vdash | \vdash | | - | \vdash |
| | 150 | | - | _ | - | - | Н | - | \vdash | \vdash |
| | 130 | | Щ. | L | | | لـــا | L | Ц.,. | Ш |